








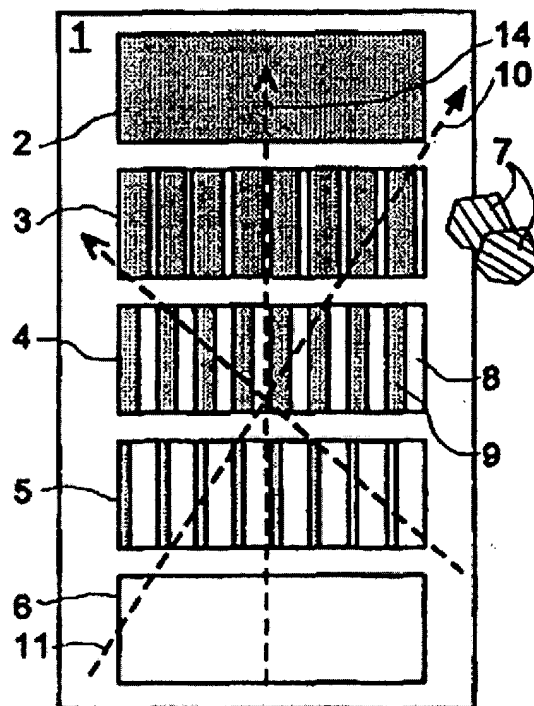


SURFACE PATTERN**Patent number:** WO9938038**Publication date:** 1999-07-29**Inventor:** STAUB RENE [CH]; TOMPKIN WAYNE ROBERT [CH]**Applicant:** ELECTROWATT TECH INNOVAT CORP [CH]; STAUB RENE [CH]; TOMPKIN WAYNE ROBERT [CH]**Classification:****- International:** G02B5/18; B42D15/10; G06K19/16**- european:** B42D15/10D; G02B5/18R; G06K19/16**Application number:** WO1998EP08492 19981229**Priority number(s):** CH19980000190 19980127**Also published as:** EP1051647 (A1)
 US6417968 (B1)
 CH693427 (A5)
 CA2319139 (A1)
 EP1051647 (B1)

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Cited documents: US5101184
 EP0105099
 EP0375833
 US5059776**Abstract of WO9938038**

A surface pattern made from surface elements (1-7) with microscopic raised structures arranged in the form of a mosaic. The surface elements (2-6) arranged in at least a first and a second partial surface (8; 9) have optically diffractive, effective asymmetrical diffraction grids (12; 13). Adjacent first partial surfaces (8) in each divided surface element (2-6) are separated by at least one second partial surface (8; 9). The grid vectors of the asymmetrical diffraction grid (12) of the first partial surfaces (8) of all divided surface elements (2-6) have the same first azimuth value and the asymmetrical diffraction grid (13) of the second partial surfaces (9) of all of the divided surface elements (2-6) have the same azimuth value. The divided surface elements (2-6) are arranged according to the fractional value of the surface (AN) in the mosaic of all surface elements (1-7). The fractional value of the surface (AN) of the n-th divided surface element is equal to the ratio of the sum of all first partial surfaces (8) to the overall surface of all the first and second partial surfaces (8;9).



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